



ELLIE STATHOPOULOU, ESR4

CULTURAL HERITAGE CONTENT DIGITIZATION Capturing and Digitisation technologies in CH

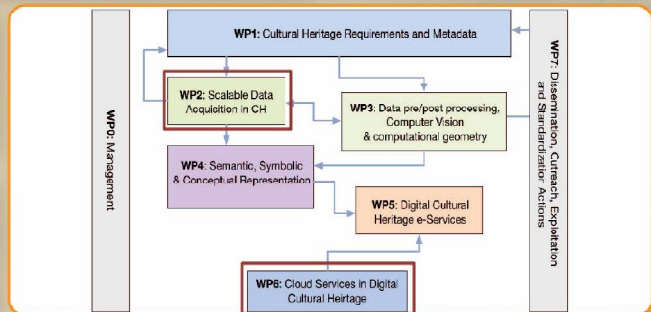
- 2D and 3D data acquisition using photogrammetry, scanning, low-cost techniques
- 3D reconstruction algorithms (Structure From Motion, Multi-View Stereo)
- Image processing
- Point cloud processing
- Data integration



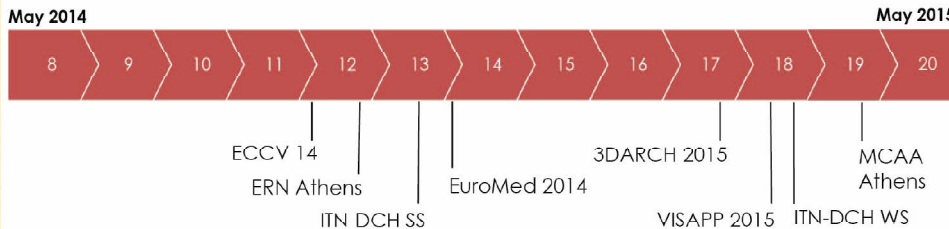
Academic Background

- MSc. Geodesy and Geoinformation (TU Berlin)
- Dipl. Eng. Rural and Surveying (NTUA)

International Work Experience



ITN- DCH Timeline



Publications*

- 3D Arch 2015 (Avila, Spain)
- VISAPP 2015 (Berlin, Germany)

Under Review

- SEAHA 2015 (London, UK)
- CIPA 2015 (Taipei, Taiwan)

*Since start of fellowship

Project Deliverables

Primary responsible - completed

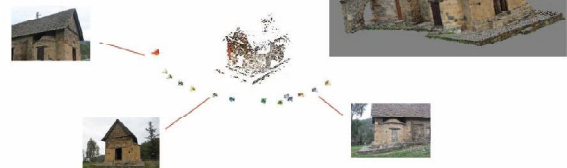
- D2.1 "Design of the digitisation architecture"
- D2.2 "Camera calibration and automatic registration of large data sets"

Contributor

- D1.1, D1.2, D3.1

Asinou Church

- SFM -MVS software
- Feature descriptors' evaluation



Country of Origin



Home Country



Host Country



Host Organization

Laboratory of
Photogrammetry,
School of Rural & Surveying
Engineering,
National Technical University of
Athens
Heron Polytechnou 9
15780 Zografou Athens
<http://www.ntua.gr>



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 608013.

